

PCT09

RAW SEQUENCE LISTING DATE: 05/07/2002 PATENT APPLICATION: US/09/926,169 TIME: 16:15:41

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Output Set: N:\CRF3\05072002\I926169.raw

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	BLOCK, MARYSE		
	TOVARD TACOURS		
6	•		
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	<141> CURRENT FILING DATE: 2001-09-18		
	<150> PRIOR APPLICATION NUMBER: FR 99 03434		
	<151> PRIOR FILING DATE: 1999-03-19		
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Input Set : A:\213993USOPCT.txt

Output Set: N:\CRF3\05072002\1926169.raw

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104 Gly Gly Leu Ala Thr Gln Asn Arg Tyr Lys Phe Val Asn Ser Leu Ser
108 Phe Ser Lys Glu Gly Ser Asn Leu Lys Arg Ile Leu Ser Asp Phe Asn
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112 Arg Val Ile Arg Leu His Cys Asp Arg Ile Pro Leu Gly Phe Ser Ser
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117
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	Arg	Pro	Lys	Asn	Glu	Leu	Arg	Lys	Glu		Gly	Met	Asp	Glu		Leu
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185		370					375					380				
188	Ala	Gly	Lys	Leu	Ser	Ser	Ile	Asp	Trp	Lys	Ile	Pro	Val	Gln	Val	Lys
	385					390					395					400
192	Gly	Phe	Val	Thr	Lys	Ile	Glu	Glu	Cys	Met	Gly	Ala	Cys	Asp	Cys	Ile
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197				420					425					430		
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201			435					440					445			
204	Val	Pro	Tyr	Val	Ile	Glu	Asn	Gly	Ile	Gly	Lys	Tyr	Leu	Lys	Ser	Pro
205		450					455					460				
208	Lys	Glu	Ile	Ala	Lys	Thr	Val	Ser	Gln	Trp	Phe	Gly	Pro	Lys	Ala	Asn
209	465					470					475					480
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213					485					490					495	
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235	Phe	Ile	Ser	Gln	Leu	Gly	Tyr	Phe	Ala	Phe	Ser	Ser	Arq	Phe	Leu	Asn
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240			35		-	-		40					45		•	
	Asn	Gly		Glu	Asn	Tyr	Arq	_	Val	Lys	Arq	Pro		Arq	Ser	Gly
244		50				• .	55			•	_	60		,		-
	Ala		Leu	Ser	Leu	Ser	Ser	Ara	Glv	Ser	Ser		Leu	Arq	Arq	Phe
248				- •		70		3	4		75			,	,	80
		Asn	Glu	Phe	Asn	Asn	Val	Ile	Lys	Phe	His	Cys	His	Lys	Pro	Pro
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100	255	Leu	Gly	Phe	Ala	Ser	Leu	Gly	Gly	Val	Ser	Asp	Glu	Thr	Asn	Gly	Ile
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263 Lys	259	Arg	Asp	Asp	Gly	Phe	Gly	Val	Ser	Gln	Asp	Gly	Ala	Leu	Pro	Leu	Asn
130	260			115					120					125			
267 Thr Gly Gly Gly His Arg Ala Ser Ala Glu Ala Ile Lys Ala Ala Phe 1616 150 160 160 170 170 175 175 177 Asn Glu Glu Phe Gly Asn Asn Tyr Gln Val Phe Ile Thr Asp Leu Trp 175 175 177 Asn 180 180 185 185 185 190 195	263	Lys	Ile	Glu	Ala	Glu	Asn	Pro	Lys	Arg	Val	Leu	Ile	Leu	Met	Ser	Asp
150	264		130					135					140				
271 Asn Glu Glu Phe Gly Asn Asn Tyr Gln Val Phe Ile Thr Asp Leu Trp Tyr Tyr Tyr Tyr Asn Tyr Tyr Tyr Tyr Asn Tyr Tyr Tyr Asn Tyr Tyr	267	Thr	Gly	Gly	Gly	His	Arg	Ala	Ser	Ala	Glu	Ala	Ile	Lys	Ala	Ala	Phe
165																	
The Section Section		Asn	Glu	Glu	Phe		Asn	Asn	Tyr	Gln		Phe	Ile	Thr	Asp	Leu	\mathtt{Trp}
186																	
Pick		Thr	Asp	His		Pro	Trp	Pro	Phe		Gln	Leu	Pro	Arg		Tyr	Asn
280 195 200 205 Thr Ser Thr Phe 213 210 225 220 225 220 225 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 220 225 225 225		_,	_			•	~ ~	_,	_		_		_,	_			_,
283 Ala Pro Lys Val His Gln Ser Asn Phe Ala Ala Thr Ser Thr Phe 216 Thr Phe 218 220 Thr Asp Thr Asp Place 218 220 Thr Arg Arg Pro Asp 11e Ala Arg Bro 280 Leu Met 235 Thr Arg Pro 240 240 235 Thr Thr Asp Ile Asp Ile Ser Leu Asp Ile Wal Pro 240 235 Thr Cya 240 </td <td></td> <td></td> <td>Leu</td> <td></td> <td>Lys</td> <td>His</td> <td>GIY</td> <td>Thr</td> <td></td> <td>Trp</td> <td>Lys</td> <td>Met</td> <td>Thr</td> <td></td> <td>Tyr</td> <td>Val</td> <td>Thr</td>			Leu		Lys	His	GIY	Thr		Trp	Lys	Met	Thr		Tyr	Val	Thr
284 210			D		17- 1	T1 -	*** -	a 1-			D1 -		31 -		a	m 1	Dh -
287 Ile Ala Arg Ala Fig Glu Val Jab Lys Gly Leu Het Lys Tyr Arg Pro Asp 11e 240 291 Ile Ile Ser Val His Pro Leu Met Gln His Val Pro Leu Leu 235 1 Tyr Ile Val Ile Leu 240 240 250		Ата		ьys	var	ııe	HIS		ser	Asn	Pne	Ата		Thr	ser	Thr	Pne
288 225 Val His Pro Leu Met Gln His Val Pro Leu Met Gln His Val Pro Ile Leu Arg Ser Lys Gly Leu Leu Asn Lys Ile Ne Thr Val Thr 250 255 270 256 270		τ1.		N	C1	375.1	7 1 a		C1	T 0	Wat	T		7	Dwo	7 00	т1.
The lie lie ser value of the			АТа	Arg	GIU	Val		ьуѕ	GIY	ьeu	мес	_	TAL	Arg	PIO	ASP	
292 Arg Ser Lys Gly Leu Leu Leu Leu Leu Leu Leu Leu Ser Lys Ile Val Phe Thr Thr Val Thr Arg Leu Arg Leu Ser Thr Arg Ala Leu Thr Arg Ala Leu Thr Arg Ala Leu Thr Arg Arg Arg Ala Leu Thr Arg Arg <td></td> <td></td> <td>Tla</td> <td>Sor</td> <td>Wa 1</td> <td>Uic</td> <td></td> <td>Lou</td> <td>Mot</td> <td>Cln</td> <td>Uic</td> <td></td> <td>Dro</td> <td>Tla</td> <td>λνα</td> <td>Tla</td> <td></td>			Tla	Sor	Wa 1	Uic		Lou	Mot	Cln	Uic		Dro	Tla	λνα	Tla	
295 Arg Ser Lys Gly Leu Leu Leu Asn Lys 1le Val Phe Thr Val Val Thr 270 280 280 285 285 300 285 300 285 300 285 300 <td></td> <td>116</td> <td>116</td> <td>SET</td> <td>Val</td> <td></td> <td>FIO</td> <td>пеп</td> <td>Mec</td> <td>GIII</td> <td></td> <td>Val</td> <td>PIO</td> <td>116</td> <td>Ary</td> <td></td> <td>Leu</td>		116	116	SET	Val		FIO	пеп	Mec	GIII		Val	PIO	116	Ary		Leu
296		Arσ	Ser	T.vs	Glv		Len	Agn	Lvs	Tle		Phe	Thr	Thr	Val		Thr
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304 290		•				- 4				1							· J
304 290	303	Cys	Tyr	Cys	Pro	Ser	Thr	Glu	Val	Ala	Lys	Arg	Ala	Leu	Thr	Ala	Gly
308 305		_		-							-						-
311 Phe Val Lys Pro Ile Arg Pro Lys Ile Glu Leu Arg Leu Glu Arg Jas 330 330 335 335 335 335 335 335 335 336 336 336 336 336 336 336 350 360 3	307	Leu	Gln	Pro	Ser	Lys	Leu	Lys	Val	Phe	Gly	Leu	Pro	Val	Arg	Pro	Ser
312 325 330 335 335 315 Met Asp Glu Asn Leu Pro Ala Val Leu Leu Met Gly Gly Gly Glu Gly 340 340 345 345 350 319 Met Gly Pro Ile Glu Ala Thr Ala Lys Ala Leu Ser Lys Ala Leu Tyr 360 365 365 365 323 Asp Glu Asn His Gly Glu Pro Ile Gly Gln Val Leu Val Ile Cys Gly 370 375 380 327 His Asn Lys Lys Leu Ala Gly Arg Leu Arg Ser Ile Asp Trp Lys Val 388 328 385 390 70 331 Pro Val Gln Val Lys Gly Phe Val Thr Lys Met Glu Glu Cys Met Gly 329 400 331 Pro Val Gln Val Lys Gly Phe Val Thr Lys Ala Gly Pro Gly Thr Ile Ala Glu 336 405 333 Ala Cys Asp Cys Ile Ile Thr Lys Ala Gly Pro Gly Thr Ile Ala Glu 336 420 334 Ala Met Ile Arg Gly Leu Pro Ile Ile Leu Asn Asp Tyr Ile Ala Gly 435 343 Gln Glu Ala Gly Asn Val Pro Tyr Val Val Glu Asn Gly Cys Gly Lys 445 344 450 455 347 Phe Ser Lys Ser Pro Lys Glu Ile Ala Asn Ile Val Ala Lys Trp Phe	308	305					310					315					320
315 Met Asp Glu Asp Leu Pro Ala Val Leu Leu Met Gly Gly Glu Gly Glu Ala Thr Ala Lys Ala Leu Ser Lys Ala Leu Tyr 350 Tyr 320 350 350 350 360 360 Ser Lys Ala Leu Tyr Ala Leu Yal Leu Yal Leu Tyr Gly Arg Ser Ile Asp Trp Lys Val Ala Ala Gly Arg Leu Arg Ser Ile Asp Trp Lys Val Ala Ala Ile Ala Ala Ile A	311	Phe	Val	Lys	Pro	Ile	Arg	Pro	Lys	Ile	Glu	Leu	Arg	Lys	Glu	Leu	Gly
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324 370			a 1			01	a 1			a 1	~1 .	** 1			-1.	•	~ 3
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328 385		nia		T	T	T 0	21-		7 ma	T 0	7	000		3	maa	T a	w. 1
331 Pro Val Gln Val Lys Gly Phe Val Thr Lys Met Glu Glu Cys Met Gly 332			ASII	гуѕ	гуѕ	Leu		СТА	Arg	ьеи	Arg		тте	ASP	тър	гуѕ	
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339 Ala Met Ile Arg Gly Leu Pro Ile Ile Leu Asn Asp Tyr Ile Ala Gly 340			O _I D	p				****	270		0 -1		011				014
340 435 440 445 343 Gln Glu Ala Gly Asn Val Pro Tyr Val Val Glu Asn Gly Cys Gly Lys 344 450 455 460 347 Phe Ser Lys Ser Pro Lys Glu Ile Ala Asn Ile Val Ala Lys Trp Phe		Ala	Met	Ile		Glv	Leu	Pro	Ile		Leu	Asn	Asp	Tvr		Ala	Glv
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431	17- 1	D	T	B	245	T	A	C	T	250	T 6	T 0	T	T	255	Val
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VERIFICATION SUMMARY

DATE: 05/07/2002

PATENT APPLICATION: US/09/926,169

TIME: 16:15:42

Input Set : A:\213993USOPCT.txt

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date